

# Tire Diversion and Recycling in Long Beach



SEPTEMBER 22, 2005

CIWMB WASTE TIRE INTERESTED PARTIES MEETING







Tire

Diversion

and

Recycling

in

Long Beach

# City of Long Beach

- ▶ Diverse population of 490,000
- ▶ Fifth largest city in California
- ▶ 120,000 City-serviced recycling accounts
- ▶ Expanded recycling efforts
- ▶ Current diversion rate of 53%
- ▶ Southeast Resource Recovery Facility (SERRF)

Tire

Diversion

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# Legally disposed tires

- ▶ Tire amnesty days in conjunction with neighborhood cleanups
- ▶ Special item refuse collections
  - 2 free pickups each year
  - Additional pickups are fee-for-service
- ▶ Promote Los Angeles County tire recycling events





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# Illegally dumped tires

- ▶ City's Refuse Division collects illegally dumped tires, then hauls to Crumb Rubber Manufacturers (CRM)
- ▶ Surveillance cameras used to deter illegal dumping





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# City's Fleet Services

- ▶ Approximately 900 retread tires will be installed FY 2005
- ▶ Used tires 19" and smaller are hauled to CRM
- ▶ Tires larger than 19" are delivered to Sudduth Tires (Long Beach business) for retread or recycling



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# Tire Assistance Grant Program

- ▶ 1998-99 Tire Recycling Public Education and Amnesty Grant - \$14,329
- ▶ 2002-03 Public Education and Tire Amnesty Day Grant - \$20,000



# Market Development





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# Long Beach Recycling Market Development Zone

- ▶ Designated in 1992
- ▶ Direct Port access
- ▶ Major transportation corridors
- ▶ Enterprise Zone
- ▶ Technical assistance
- ▶ Hiring credits/Training programs
- ▶ City business loans







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# Waste Tire Market Development

- ▶ Assisted approximately 20 tire-related companies since 1992:
  - 15 Crumb rubber production
  - 3 Manufacturers
  - 2 Tire retreaders
- ▶ Rubberized asphalt used for resurfacing City streets
- ▶ Rubberized materials used in City parks (CIWMB Grants)

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# Waste Tire Market Development



Recycled-content playground mats in Drake Park



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# Waste Tire Market Development



Walking tracks (recycled-tire content) in Tanaka Park



# Long Beach Tire Company Profiles





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# Sudduth Tire Co.

- ▶ Tire retreader
- ▶ Sells new and retread tires
- ▶ City's tire vendor
- ▶ 50% passenger retreads/50% truck retreads
- ▶ Annual sales of 20,000 retreads

*Sudduth Tire Co.*

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# Industrial Tire Service

- ▶ Tire retreader
- ▶ Sells new and retread tires
- ▶ Services Port of Long Beach related haulers
- ▶ Annual sales of 18,000 retreads





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# Bandag

- ▶ Produces treads for tire retreading
- ▶ Utilizes both virgin and crumb rubber
- ▶ Long Beach Enterprise Zone benefits realized

\$300,000 sales and use tax rebates

\$ 80,000 manufacturers tax credits

\$ 78,000 training program grants

- ▶ 15 plants worldwide
- ▶ ISO 9002 Certified





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